S-750

Coffee grinder

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Ningbo CJT Co., Ltd. (Catering Equipment)

WARNINGS

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Children should be supervised to ensure that they do not play with the appliance.

Care is needed when handling cutting blades during cleaning.

If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.

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Correct Disposal of this product
This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

Warranty Information

The manufacturer provides warranty in accordance with the legislation of the customer's own country of residence, with a minimum of 1 year (Germany: 2 years), starting from the date on which the appliance is sold to the end user. The warranty only covers defects in material or workmanship. The repairs under warranty may only be carried out by an authorized service center. When making a claim under the warranty, the original bill of purchase (with purchase date) must be submitted.

The warranty will not apply in cases of:

- Normal wear and tear
- Incorrect use, e.g. Overloading of the appliance, use of non-approved accessories
- Use of force, damage caused by external influences
- Damage caused by non-observance of the user manual, e.g. Connection to an unsuitable mains supply or non-compliance with the installation instructions
- Partially or completely dismantled appliances

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1) PREFACE

Congratulations for purchasing the S-750 grocery grinder. The S-750 is a commercial appliance to be used in groceries coffee shops, coffee roasters, espresso bars, hotels and restaurants. S-750 will grind whole been coffee and fill up coffee bags with variable, user-selectable (from super fine to course) coffee powder.

Read this manual from cover to cover before using the appliance as it contains important instructions for the safety, operation, and maintenance of the appliance. Keep the manual in a safe place for future use and reference.

The manufacturer reserves the right to modify the appliance and the manual accordingly.

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2) TECHNICAL SPECIFICATIONS of S-750

Dimensions:

Height: 615mm, Width: 180mm, Length: 390mm

Weight: 21Kg

Burrs diameter: 84mm

Basic hopper's capacity: 600 gr. Coffee beans

Hopper's extension: 1300gr

Electrical Specifications:

USA: 110V/60Hz

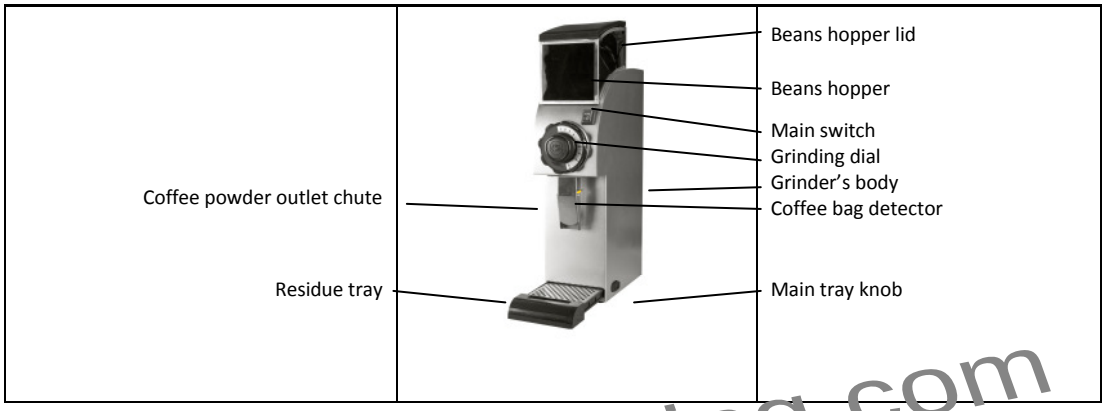
Europe: 230V/50Hz

Max Current consumption: 3.0A

Grinding capacities:

13-16 Kg/hour

3) General Description



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4) UNPACKING AND INSTALLATION:

Warning: All appliances' technical handling operations such as installation, maintenance, or service should be performed by certified personnel or by your local dealer.

1. After opening grinder's package, make sure that the appliance is intact and that there is no visible damage. If there is any doubt, DO NOT continue the installation procedure and contact your local dealer for further assistance.
2. Unpack the product carefully. For your convenience we suggest storing all packaging materials where they can be used in the future, whenever the appliance's transportation is necessary.
3. Place the grinder on a stable flat counter in a dry area away from water or water splashes.
4. Open hopper's beans lid and visually inspect that there no foreign objects of any kind remove any foreign object accordingly.
5. Open the grinder's coffee residue tray to the desired opening distance by pulling tray's locking knob.
6. Before plugging in the electrical cord, make sure:
   a) The appliance voltage and frequency rating (according to the back side label) is the same as the supply mains.
   b) The wall socket is fitted with an efficient ground contact.
   c) DO NOT plug the appliance into the supply mains if a ground system is not available in mains socket, and was not positively checked to be in compliance with national/local electrical codes.
   d) IT IS COMPULSORY TO GROUND THE APPLIANCE.
   e) The manufacturer cannot be held responsible in the event that this regulation is not complied with.
   f) The power consumption of the appliance (according to the back side label) is consistent with the relevant wall socket capacity.
   g) The wall socket is protected against short-outs and power surges.
   h) Do not use extension cables, plug adapters for multiple sockets, or makeshift connections.
7. Plug in the appliance.

5) OPERATION

OPERATIONAL CONTROLS

1. The appliance is equipped with main OFF/ON/RUN switch located on the front panel. The grinder will not run as long as a coffee powder bag is not presented under powder's chute.
2. After placing a coffee powder bag under the powder's chute, push the main switch to RUN position, in order to start grinding.
3. In order to stop grinding user should push the main switch to OFF position.
4. Grinding setting knob will allow the user selecting his desired grinding program according powder's coarseness requirement.
5. Grinding cleaning (shaking) knob located on the powder chute right side, should be pressed and released few times during normal grinding operation in order to allow complete emptying the grinding house.
6. Make sure the coffee powder's bag's volume is bigger than the amount of grinded coffee and is completely open while grinding to allow the powder fall freely into the powder's bag in order to prevent back clogging of the coffee grinder.

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FIRST TIME OPERATION:

1. Plug the electrical wire into wall socket.
2. Slip an empty bag under the powder chute and rest it freely on residue tray (make sure the bag is placed higher than the bag presence switch).
3. Select coarsest position of grinding knob.
4. DO NOT INTRODUCE WHOLE BEANS INTO THE BEANS HOPPER YET.
5. Start the S-750 grinder by pressing the main switch from Off to ON and then from ON to Run. Let the grinder run for few minutes and then turn it OFF by switching to OFF position.
6. Repeat step 5 and this time change the grinding selection step by step till reaching finest position. Repeat it for several times. Observe and listen to the S-750 grinder. For any abnormal or excessive noise refer to your local dealer.

GRINDING COFFEE:

1. Plug the electrical wire into wall socket.
2. Pure the desired amount of beans into the hopper (for quantities of 600gr use the hopper extension), after doing so, completely close hopper lid.
3. Select the desired grinding program on the grinding knob.
4. Slip an empty bag under the powder chute and rest it freely on residue tray (make sure the bag is placed higher than the bag presence switch).
5. Press main switch from Off to ON and then to Run (the switch return to ON position by itself).
6. While grinding pull and release grinding cleaning knob 2-3 times per minute.
7. When grinding is completed, switch the main switch to OFF position or simply pull out the coffee bag, both actions will stop grinding operation.

Operation intervals:

It is a normal occurrence that during long grinding periods the grinding chamber will heat up. In order to achieve best grinding results, it is recommended to grind coffee in short intervals of no longer than 10 minutes grinding per period of 15-20 minutes.

ADJUSTMENTS OF GRINDING OPERATION:

S-750 was factory tuned for different types of coffee powders, from finest Turkish coffee to coarsest hand filter coffee. Nevertheless some changes in tuning may occur in course of time and after thorough cleaning procedures. If you feel your grinder is out of tune (either squeaking noise on finest scale or grinding powder is too coarse on finest scale) please run through the following procedure.
Before starting the retuning procedure of the A-750 you should read the complete set of instructions and understand it completely.

1. Place an empty bag or box under the powder chute (make sure to activate the bag switch).
2. Turn on the grinder
3. Empty the machine completely by grinding any coffee beans left-over and by pulling and releasing the cleaning lever for several times while changing the dial position from end to end few times until no more powder is coming out.
4. Position the grinding dial knob on Turkish coffee and turn off the Grinder.
5. Using flat screw driver remove the logo shield of the grinding knob.
6. Use crossed screw driver to release the knob's main screw, and pull out the knob.
7. The brass internal knob will be exposed.
8. Observe the current position of line mark on internal knob relatively to the line marks on grinding cover. (possibly use a marker to mark this position on the grinder's cover)
9. Turn ON the grinder, then:
    a. If the grinder was squeaking on Turkish coffee position, turn the internal knob 1-2 notches to the left (CCW) and until noise level of operation is regular.
    b. If you feel that the grinding is not fine enough on Turkish coffee position, then rotate the internal knob 1-2 notches to the right (CW) and continue rotating (CW) until you hear the metal to metal squeaking noise then open again (CCW) until it is silent again.
10. REMARK: if from squeaking position to silent area requires more than 4 notches on the internal knob it means the machine need to be examined by a technician. Call your technician and do not continue and operate the grinder until it is thoroughly examined.
11. Turn OFF the grinder, re-assemble the knob on Turkish coffee position, tighten the screw and place the Logo cover back into its position.
12. Check the grinder by grinding coffee beans to various types of coffee powder and repeat the entire process if necessary.

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6) SAFETY DEVICES

1. Thermal overload protection:

In order to eliminate the risk of fire, the motor is equipped with an over-heat protection device which will cut-off the motor's power supply should it reach a high temperature.
In the event that the thermal protection is tripped as a result of malfunction (e.g.: jammed blades, worn out bearings, foreign object in grinding chamber, etc.) the appliance main switch should be turned off immediately and the main power plug must be disconnected. For further handling of the device contact your local service provider, and allow the appliance to cool down before any further maintenance.
In the event that the thermal protection is tripped as a result of a long continuous operation allow the appliance to cool down. Reset the thermal cut off protection by unplugging the main cable from the socket. On the first operation after resetting a tripped over-heat protection device observe the grinding quality and noise level, and if there are any irregularities shut down the appliance and call a certified technician for a complete analysis of the appliance.

2. Beans conveyor and grinding chamber safety cover:

The grinding chamber can be a hazardous area if the proper precautions aren't observed. The beans hopper is equipped with hands and fingers safety protector. Never remove the safety protector while the S-750 grinder is plugged in.

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3. Bag presence switch:

A bag presence switch was installed In order to avoid foreign bodies plunged into the grinding house from powder's outlet direction and in order to avoid accidental grind of beans without collecting bag for the powder.
Never operate the S-750 grinder when the bag presence switch is disassembled or bypassed

7) SAFETY INSTRUCTIONS

1. NEVER OPERATE THE GRINDER IF THE BEAN HOPPER IS NOT FULLY SECURED TO THE GRINDER'S BODY. BEFORE REMOVING THE HOPPER FOR ANY REASON MAKE SURE TO DISCONNECT THE POWER SUPPLY.
2. NEVER CLEAR FOREIGN OBJECTS FROM THE BEANS CONVEYOR OR BEANS HOPPER WHEN THE APPLIANCE IS PLUGGED INTO A POWER SOCKET.
3. BEFORE ANY MAINTENANCE, EVEN FOR CLEANING, ALWAYS DISCONNECT THE POWER SUPPLY.
4. Never attempt to insert your fingers or any foreign objects into the grinding chamber or blades.
5. Be aware that grinding blades continue rotating for a short while after switching OFF the appliance and the grinding operation has ended.
6. In the event that the appliance has a malfunction or the blades need to be replaced, do not attempt to service the appliance by yourself.
7. Do not change or tamper with the appliance.
8. Do not use the appliance barefoot or if your hands or feet are damp.
9. Do not use the cable wire to pull and disconnect the power plug.
10. Always keep the appliance dry (internally and externally).
11. Never put grinded coffee into the hopper.
12. Never attempt grinding anything else other than coffee beans.

8) MAINTENANCE AND SERVICE

Warning: All appliances' technical handling operations, such as installation, maintenance, or service should be performed by certified personnel or by your local dealer.

Check the state of the grinding blades periodically (approximately every 100kg of grinded coffee). Good condition blades will result in a high quality grind and prevent the appliance's over-heating. Replace grinding blades every 400kg of grinded coffee (with normal hardness blades).

Be aware of the appliance's noise level. In case the noise level is higher than normal or irregular noises are coming from within the appliance, get certified personnel to perform an overall check of the appliance.

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9) CLEANING

BEFORE ANY CLEANING ROUTINE DISCONNECT THE APPLIANCE POWER SUPPLY.
NEVER USE RUNNING WATER TO CLEAN THE MAIN BODY AND POWDER SHUT.
USE ONLY PERFECTLY CLEAN CLOTHS OR BRUSHES TO CLEAN THE APPLIANCE.
DO NOT USE ABRASIVE CLEANING PRODUCTS AS THEY MAY WEAR OUT THE APPLIANCE COATING.

Cleaning the bean hopper

1. Take off the bean hopper (by releasing Bean Hopper screws)
2. Rinse it thoroughly with water and soap.
3. As the beans hopper is made of ABS, use only liquid detergent (free of abrasive components) and soft sponge.
4. Before reinstalling the beans hopper back to its position, make sure it is dried thoroughly.

Cleaning the grinding chamber

Before starting the thorough cleaning procedure of the S-750 you should read the complete set of instructions and understand it completely.

1. Place an empty bag or box under the powder chute (make sure to activate the bag switch).
2. Empty the machine completely by grinding any coffee beans left-over and by pulling and releasing the cleaning lever for several times while changing the dial position from end to end few times until no more powder is coming out.
3. Position the grinding dial knob on Turkish coffee and turn off the Grinder.
4. Using flat screw driver remove the logo sign of the grinding knob.
5. Use crossed screw driver to release the knob's main screw, and pull out the knob.
6. The internal knob will be exposed, observe and memorize the current position of line mark on internal knob relatively to the line marks on grinding cover.
7. Use a cross screw driver to release the 4 screws that secure the grinding front cover.
8. Pull out the entire front cover. It is the grinding front cover, grinding house and shafts.

9. Pull out the front blade holder assembly. Pay attention to the spring at the end of the beans conveyor, it should be kept for the after cleaning assembly process.
10. Use brush and cloths to clean all the parts thoroughly (do not use flushing water as parts may get corroded)
    a. Do not use sharp objects to scrape coffee residue off of the blades.
    b. Examine both of the blades' condition and replace them if necessary.
    c. The replacement and assembly of a new set of blades is a delicate task. Only skilled technical personnel should be allowed to perform blade removal and assembly.
11. Clean the exposed grinding area.
12. Before re-assembling the parts lightly grease the motor shaft with food grade grease.
13. Make your assembly way back in opposite order (steps 9-5)
14. Before assembly the main knob check and if necessary recalibrate appliance's tuning (refer to ADJUSTMENTS OF GRINDING OPERATION, pg. 7)
15. After all cleaning and replacing tasks are through make sure to assemble all of the parts and safety screws the same way as they were disconnected. If anything does not fit back together or there are left over parts, do not attempt to operate the appliance, call for the assistance of your technician. Start working gradually and observe any irregular noise or behavior of the appliance.
16. Advise with your local technical support for any irregular noise or grinding problems.

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If a more thorough cleaning is required, then the operation must be performed by a skilled technician.

To ensure long lasting grinder and great fresh taste of coffee, the cleaning procedure as described above should be repeated routinely and at least once per month or as necessary according the grinder's usage and quality of beans.

END

Add your remarks here:

No.	date	Event	remark

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Important details and telephone numbers:

Local dealer address:_____

Telephone number:_____ Fax number:_____

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Technician mobile number:_____ name:_____

Coffee beans supplier details:_____

Telephone number:_____ Fax number:_____